

[illegible]

EACH OF THE APPLICANTS SIGNING BELOW HEREBY DECLARES THAT:

I believe that I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled IDENTIFICATION OF ANTIBIOTIC TARGETS AND CRITICAL POINTS IN METABOLIC NETWORKS BASED ON PATHWAY ANALYSIS, the specification of which is attached hereto.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby appoint as my attorney with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

whose mailing address for this application is:

(See next page 2 attached, signed, and made a part hereof.)

PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY  
(Page 2 of 2)

and whose telecommunications numbers are:

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All correspondence and telephone calls should be directed to William C. Fuess at the address and telephone number referenced above.

PART A: Inventors' Information and Signatures

Full Name of First Inventor: Christophe Schilling  
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Inventor's Signature: *Christophe Schilling*

Date: 8/2/01

Full Name of Second Inventor: David Letscher  
Citizenship: U.S.A.

Post Office Address: \_\_\_\_\_

Residence (if different): \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

099291-081101

Inventors: Schilling, et al. \_\_\_\_\_  
Serial or Patent No.: TBD \_\_\_\_\_  
Filed: August 11 2001 \_\_\_\_\_

Docket No. UCSD 99-093P  
U.C. Case No. UCSD 99-093 \_\_\_\_\_

For: **IDENTIFICATION OF ANTIBIOTIC TARGETS AND CRITICAL POINTS IN METABOLIC NETWORKS  
BASED ON PATHWAY ANALYSIS**

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**  
**[37 CFR §1.9(f) and §1.27(d)] -- NONPROFIT ORGANIZATION**  
[Page 1 of 2]

I hereby declare that I am empowered to act on behalf of the nonprofit organization identified below in the matter of this utility patent application

NAME OF ORGANIZATION: **The Regents of the University of California**  
ADDRESS OF ORGANIZATION: **300 Lakeside Drive, 22nd Floor**  
**Oakland, California 94612-3550**

TYPE OF ORGANIZATION:  
☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
☒ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE [26 U.S.C. §501(a) and §501(c)(3)]

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR §1.9(e) for purposes of paying reduced fees under section 41(a) or (b) of Title 35, United States Code with regard to the invention entitled **IDENTIFICATION OF ANTIBIOTIC TARGETS AND CRITICAL POINTS IN METABOLIC NETWORKS BASED ON PATHWAY ANALYSIS** by inventors Christiphe Schilling, et al, described in:

☒ the utility patent application filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ Patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR §1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR §1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR §1.27).

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
[ ] INDIVIDUAL [ ] SMALL BUSINESS CONCERN [ ] NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this utility patent application or any application or any patent descended therefrom, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of, in the case of a subsequent patent application and/or patent, the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate [37 CFR §1.28(b)]

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
[37 CFR §1.9(f) and §1.27(d)] -- NONPROFIT ORGANIZATION  
[Page 1 of 2]

I hereby declare that all statements made of my own knowledge are true and that all statements made on information ad belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine of imprisonment, or both, under 18 U.S.C. §1001, and may jeopardize the validity of the application, any patent issuing thereon, or any patent which this verified statement is directed.

NAME OF PERSON SIGNING: William C. Fuess  
RELATIONSHIP TO ORGANIZATION: Patent Attorney representative for the Utility  
Patent Application  
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SIGNATURE: \_\_\_\_\_

*William C Fuess*

DATE August 11, 2001

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